# VistA Scheduling Enhancements (VSE)

# Version Description Document (VDD) for

# VS GUI Release 1.7.29.0 with VistA Patch SD*5.3*823



**September 2022**

**Version 1.0**

**Department of Veterans Affairs**

**Office of Information and Technology (OIT)**

# Revision History

| Date | Version | Description | Author |
|---|---|---|---|
| 09/07/2022 | 1.0 | Final draft | Liberty ITS |
| 09/01/2022 | 0.1 | Baseline for VS GUI 1.7.29.0 and SD*5.3*823 | Liberty ITS |

# Artifact Rationale

VA requires the Version Description Document (VDD) to identify, maintain, enhance, and recreate the product (IT asset) throughout its lifecycle. The VDD reinforces strong risk management practices and helps protect VA from loss of the product (IT asset), which is especially important with a regular rotation of personnel and contractors. The VDD is a mandated document that will be verified prior to Release.

The VDD is the authoritative inventory and roadmap of all Configuration Items (CIs) that make up the deployable product/system. CIs include source code files, builds/packaging, tools, baselines, locations, and associated product files. The VDD is a CI maintained under change control in the TRM-approved configuration management system, which is part of the VA Federated Configuration Management Database (CMDB).

Project Managers (PMs) and Configuration Managers (CMs) use the VDD as a tool for managing CIs and baselines associated with the deployable product. It is the responsibility of the Project Manager (PM) to ensure the processes are followed within the product build process (ProPath, Product Build: BLD-1 Develop Product Component). The expectation is for the VDD to be controlled as a source file with one VDD per Product. There may be multiple versions managed within the SCM repository, all following the baseline process. Information Technology (IT) Configuration Managers, or IT Architect/Development Leads, ensure the creation and modification of the Product's VDD is integrated with any parallel activities performed on said product. The CM creates/updates the VDD each time the deliverable (file set) leaves the development environment, for testing or deployment. The VDD is the representation and result of the Software Configuration Management Procedures being followed. The Product's procedures, along with work instructions, are to be created and maintained by the IT CMs, or IT Architect/Development Leads. For product procedure information, refer to the Software Configuration Management Procedures template (ProPath, Project Planning: PRP 3.7). The PM is responsible for ensuring the CM maintains versions of the VDD and deliverables (files) in the TRM-approved configuration management system.

# Table of Contents

# Table of Tables

# 1. General Configuration Management (CM) Information

The product name, Configuration Manager, VDD package name, and the project delivery team information are provided in Table 1.

**Table 1: General CM Information**

| Deliverable (Product Name) | Configuration Manager | VDD Package Name | Project Name/ Delivery Team |
|---|---|---|---|
| VistA Scheduling Patch | Redacted | SD*5.3*823 | VSE/ Liberty ITS |
| VS Graphical User Interface (GUI) | Redacted | VA VistA Scheduling GUI 1.7.29.0 | VSE/ Liberty ITS |

# 2. CM Tools

The CM tools in use by the contract team are presented in Table 2.

**Table 2: CM Tools Details**

| | |
|---|---|
| **CM Tools** | **Jira, GitHub Enterprise Cloud (EC), FORUM** |
| **CM Tool Location** | Hines Data Center |
| **Tool Onsite/Offsite** | Onsite |
| **CM Tool Access Point of Contact (POC)** | Redacted |
| **Access Information (Forms or other access requirements)** | GitHub EC: Submit a request for access to the VSE-Scheduling-Team in GitHub EC via Redacted<br>Jira: Must have a Max.gov account. Submit a request to the DevOps Tool Suite (DOTS) Redacted |

# 3. Configuration Management of Documents

The following subsections detail the configuration management of documents.

## 3.1. Release Documentation

Details about the repository for all approved release documentation are listed in Table 3.

**Table 3: Documentation Repository Information**

| GH EC Information | Explanation |
|---|---|
| GitHub EC URL | Redacted |
| GitHub EC Project Area | EPMO/Scheduling-GUI-Product |
| GitHub EC Team Area | EPMO/VSE-Scheduling-Team |
| GitHub EC Repository | Redacted |
| Components | Approved, release-specific documentation |

## 3.2. Baseline and Component

Repositories where product code is identified as baselined, grouped, and managed are listed in Table 4.

**Table 4: Code Locations**

| Name | Description |
|------|-------------|
| GitHub EC GUI Code Repository | Redacted |
| VistA Code | FORUM |

## 3.3. Build Information

The output that results from the build process is detailed in Table 5. Note that the VS GUI package is a Windows Installer file (msi), and the VistA patch is a Kernel Installation and Distribution System (KIDS) build.

**Table 5: General Build Information**

| Name | Description |
|------|-------------|
| Build Output | VS GUI package (msi file)<br>VistA patch SD*5.3*823 (KIDS) |
| Build Output Directory | GUI: Redacted<br>VistA Patch: FORUM |
| Target Deployment Location | VS GUI: VistA Application Central Server (or similar technology depending on site)<br>VS GUI: Local Workstations via System Center Configuration Manager (SCCM) push (depending on site) |

## 3.4. Build Label or Number

The identifier(s) for the derived object(s) or package(s) produced for deployment and/or installation.

**Table 6: Build Label(s)/Number(s)**

| Name | Description |
|------|-------------|
| VA VistA Scheduling SD*5.3*823 | VistA patch SD*5.3*823 |
| VISTASCHEDULINGGUIINSTALLER_1_7_29_0_P.MSI | VS GUI R1.7.29.0 package - Production msi |
| VISTASCHEDULINGGUIINSTALLER_1_7_29_0_T.MSI | VS GUI R1.7.29.0 package – Test msi |

# 4. Build and Packaging

The following subsections detail build and packaging information.

## 4.1. Build Logs

See Table 5 for the link to the location of the VistA GUI build log.

## 4.2. Build System/Process Information

VistA patches are coded and housed in FORUM. VS GUI code is created and housed in the GitHub EC repository. See Table 4 for more information.

# 5. Change Tracking

The VA-approved change management tools are GitHub Enterprise Cloud (EC) and Jira. Details are provided in Table 7.

### Table 7: Change Tracking

| Change Tracking Tools | Jira, GitHub EC |
|---|---|
| Change Tracking Tool Location | Hines Data Center |
| Tool Onsite/Offsite | Onsite |
| Change Tracking Tool Access/POC | Redacted |
| Access Information (Forms or other access requirements) | See Table 2 |

## 5.1. Change and Configuration Management Repository

Information about the change and configuration management repository is detailed in Table 8.

### Table 8: VSE CCM Repository

| CCM URL | Redacted |
|---|---|
| CCM Project Area | VistA Scheduling Enhancements (VSE) |
| CCM Team Area | VistA Scheduling Enhancements (VSE) |

## 5.2. Changes Since Last VDD

Changes since the last published VDD are provided in Table 9. The work item ID is the Jira issue number.

### Table 9: Enhancements and Defect Fixes

| Work Item ID | Summary of Change |
|---|---|
| VSE-171 | VS GUI: 508 fixes - Tasks Tab - Pending Appointments |
| VSE-3152 | VistA: Refactor SDES create appointment request RPC. |
| VSE-3231 | VistA: Rewrite SDES EDIT APPT REQ RPC. |
| VSE-3275 | VistA: Create RPC that will create APPT request and then schedule the appointment (VAOS). |
| VSE-3295 | VS GUI:: Adjust Walk-In Appointment Type to Automatically Generate Appointment Request. |
| VSE-3306 | VistA: Create a hash on clinics in Hospital Locations file #44. |
| VSE-3310 | VistA: Create RPC for Walk-in Created Appointment Type to Automatically Generate Appointment Request. |

| Work Item ID | Summary of Change |
|---|---|
| VSE-3322 | VistA: Modify SDEC RPCs that return full SSN to only return last 4 of SSN. |
| VSE-3324 | VS GUI: Modify SSN in VS GUI to only Display last 4. |
| VSE-3385 | VistA: Update SDES GET CLINIC INFO to return Active and Inactive Clinics |
| VSE-3387 | VistA: Create a new RPC to reactivate a clinic. |
| VSE-3389 | VistA: Update SDES GET CLIN AVAILABILITY |
| VSE-3395 | VistA: Update SDES GET APPTS BY CLIN IEN 2 |
| VSE-3396 | VistA: Update all appointment RPCs. |
| VSE-3436 | VistA: Modify SDES CREATE APPT REQ. |
| VSE-3452 | VS GUI – Fix issue where users cannot check-in appointments in prohibited clinics. |
| VSE-3465 | I-0001352 - VS GUI: Update Preferred Gender and Gender to reflect VistA field names. |
| VSE-3484 | VistA: Modify SDES RPCs that return full SSN to only return last 4 of SSN. |
| VSE-3497 | VS GUI: 508 - Keyboard Control for Calendar Slots with No Scheduled Appointments. |
| VSE-3509 | INC23549542: VS GUI: Day View Appointment Calendar - Timeslot Modifications. |
| VSE-3524 | VistA: SDES Recall Clinic search RPC. |
| VSE-3525 | VistA: SDES Recall Provider search RPC. |
| VSE-3534 | VistA: Modify SDES GET CLINIC INFO to add Division IEN, Stop Code Number, Credit Stop Code, Clinic IEN, return clinic special instructions as an array |
| VSE-3542 | VS GUI: Add Time Stamp to Patient Friendly Appointment List. |
| VSE-3621 | VistA: Update SDES GET INSURANCE VERIFY LIST and SDES GET INSURANCE VERIFY REQ to conform to SDES standards. |
| VSE-3654 | VistA: Modify SDES GET APPT REQ BY IEN |
| VSE-3672 | VistA: Fix the issue with MRTC being stuck in pending status. |
| VSE-3457 | VS GUI: Fix issue where some Privileged Users do not Remove from Prohibited Clinics |

# 6.    Release (Deployment) Information

The release identification and Implementation Manager's information, and release package information are detailed in Tables 10 and 11.

Table 10:  Release Package POC Information

| Release Identification | Release Package POC Name | Release Package POC Email |
|---|---|---|
| VS GUI 1.7.29.0 | Redacted | Redacted |

**Table 11: Release Package Information**

| Release Package (Component) Identified | VistA Scheduling GUI Application v1.7.29.0<br>VistA patch SD\*5.3\*823 |
|---|---|
| Release Package Description | VS GUI Application v1.7.29.0 with supporting patch |
| Release Package Delivery Method | See Redacted |
| Release Package Location Identified | See Redacted |